**College VoteChain**

**Abstract**

In the past, electronic voting systems have not seen widespread adoption due to data privacy concerns. Previously proposed e-voting systems make use of a central database to store data, resulting in the servers used to store these databases being a single point of failure. These systems have also been found to be vulnerable to DoS attacks, leading to concerns over their reliability.

Blockchains have been used to build secure and scalable distributed systems which have shown several benefits over centralized systems. They have seen uses in sectors ranging from finance and healthcare to food and energy.

The proposed system ensures data security in the college e-voting system, authorized data from students is temporarily stored in centralized system, after data securely stored in blockchain architecture. Same procedure has to be implemented in the nomination /nomination withdrawal and confirmed nomination candidate list is stored in block chain.

So authorized students can be cast vote which is stored as blockchain ,and results can be published.

References

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